



Team Leader Position for Astrophotonics Research Group

Overview

The innovation centre innoFSPEC Potsdam is a joint project between the University of Potsdam and the Leibniz-Institute for Astrophysics Potsdam (AIP) with funding from the *Unternehmen Region ZIK* program of BMBF. Its headquarter is located on the campus of AIP in Potsdam Babelsberg. While AIP has a strong record in the development of optical instrumentation for state-of-the-art international telescope facilities (e.g. ESO, LBT, HET, CAHA), innoFSPEC Potsdam provides a unique opportunity for research on key enabling technologies, specifically in the field of astrophotonics, as well as interdisciplinary research on waveguide-based sensors, jointly with the innoFSPEC groups at the Chemistry Department of the University of Potsdam. innoFSPEC Potsdam invites applications for the team leader position of the established *Astrophotonics Group* at AIP. The post is a high visibility research commitment with opportunities for teaching, at a salary level equivalent to a Junior Professor position (according to the German academic system).

Your Tasks

- Astrophotonics research program with three main activities: integrated optics laser frequency combs, interferometric beam combiners, adaptive optics coupled waveguides.
- Scientific management of team with 2 postdocs, 3 PhD students, and student assistants
- Active membership at innoFSPEC Executive Board
- Teaching at the University of Potsdam (not mandatory)

Your Profile

- PhD degree in physics, astronomy, or engineering
- Demonstrated experience in instrumentation for astronomy, or similar areas of research
- A strong background in photonics, preferentially with applications for astronomy
- Hands-on experience with lab experiments and numerical simulation software for photonics
- Excellent interpersonal and communication skills and ability to work as a member of a team

Conditions

The AIP is an equal opportunity employer and strives to maintain a diverse, inclusive work environment and culture. AIP particularly encourages applications from women and those from diverse backgrounds. Preference will also be given to people with disabilities with equal competence. The appointment could start immediately after the recruitment process is completed. The appointment would be for 3 years. Salary and social benefits are calculated based on the German public service scale TV-L and depends on qualification. Employer contributions to medical, parental leave, and retirement benefits are included. To apply, please send until May 18, 2018, your CV, publication list, and 3 letters of references to: bewerbung_2018-10@aip.de

Contact

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